

AMENDMENTS

In the Claims:

This listing of claim replaces all prior versions, and listings, of claims in the application:

1. (Previously Presented) A water treatment device comprising:

a first tank containing fluid containing objects of removal;

a filter device disposed in the first tank and comprising a first filter immersed in the fluid and a second filter formed of a gel film adsorbed onto the first filter;

a second tank containing fluid containing objects of removal;

a pair of electrodes disposed in the fluid contained in the second tank; and

a connecting pipe connecting the first and second tanks.

2. (Previously Presented) The device of Claim 1, wherein the first and second tanks are configured so that the fluid flows from the second tank to the first tank through the connecting pipe.

3. (Previously Presented) A water treatment device comprising:

a filter device comprising a first filter immersed in a fluid containing objects of removal and a second filter comprising a gel film disposed on the first filter; and

a pair of electrodes removing nitrogen compounds from the fluid electrochemically, wherein the filter device and the electrodes are disposed in the same tank.

4. (Previously Presented) A water treatment device comprising:

a filter device comprising a first filter immersed in a fluid containing objects of removal and a second filter comprising a gel film disposed on the first filter; and

a pair of electrodes removing nitrogen compounds from the fluid electrochemically,

wherein the filter device is disposed in a first tank in which the fluid is filtered by the filter device, and the electrodes are disposed in a second tank in which the filtered fluid is contained.

5. (Previously Presented) The device of Claim 1, wherein colloidal microparticles contained in the fluid are separated from the fluid by the filter device, and nitrogen compounds in the fluid are removed by the electrodes.

6. (Previously Presented) The device of Claim 1, wherein a cathode of the electrodes comprises an electric conductor containing an element of group 1b or group 2b or group 8 of the periodic table or a coating comprising the element coated onto an electric conductor.

7. (Previously Presented) The device of Claim 1, further comprising a pump drawing in the fluid via the connecting pipe and a second pipe taking the filtrated fluid out of the first tank so as to concentrate the objects of removal of the fluid in the first tank.

8. (Previously Presented) The device of Claim 1, wherein the filter device comprises a frame supporting a periphery of the first filter.

9. (Previously Presented) The device of Claim 1, wherein the fluid containing the objects of removal comprises a CMP slurry.

10. (Original) The device of Claim 1, wherein the fluid is a solution containing indium or an indium compound.

11-12. (Cancelled)

13. (Currently Amended) [[The]] A water treatment method of Claim 11 comprising:
removing microparticle components contained in a fluid by filtering the fluid through a
gel-form second filter formed on a surface of a first filter; and
removing nitrogen compounds contained in the fluid electrochemically,
wherein the nitrogen compounds are removed after removing the microparticle components.

14. (Currently Amended) [[The]] A water treatment method of Claim 11 comprising:
removing microparticle components contained in a fluid by filtering the fluid through a
gel-form second filter formed on a surface of a first filter; and
removing nitrogen compounds contained in the fluid electrochemically,

wherein the microparticle components are removed at the same time as the nitrogen compounds are removed.

15. (Currently Amended) The method of Claim [[11]] 13 or Claim 14, wherein the electrochemical removal of the nitrogen compounds comprises having a pair of electrodes immersed in the fluid and applying electricity across the immersed electrodes.

16. (Currently Amended) [[The]] A water treatment method of Claim 11 comprising:
removing microparticle components contained in a fluid by filtering the fluid through a
gel-form second filter formed on a surface of a first filter; and
removing nitrogen compounds contained in the fluid electrochemically,
wherein the nitrogen compounds are removed after adding halogen ions or a compound containing a halogen element to the fluid.

17. (Previously Presented) The method of Claim 16, wherein coagulated particles of the microparticle components are formed during the electrochemical removal and the coagulated particles are filtered by the second filter.

18. (Currently Amended) The method of Claim [[11]] 13 or Claim 14, wherein the second filter is formed with the microparticle components of colloidal form.

19. (Currently Amended) The method of Claim [[11]] 13 or Claim 14, wherein the fluid comprises a CMP slurry.

20. (Currently Amended) The method of Claim [[11]] 13 or Claim 14, wherein the fluid is a solution containing indium or an indium compound.

21. (Previously Presented) A water treatment device comprising:
an electrode comprising a metal from which coagulating ions are eluted, the coagulating ions congealing with objects of removal contained in a fluid;
a filter device filtering the fluid to separate coagulates of the objects of removal; and
a tank in which the electrode and the filter device are disposed.

22. (Previously Presented) A water treatment device comprising:

an electrode which, by elution of coagulating ions that congeal with objects of removal contained in a fluid, forms coagulates of the objects of removal that are greater in diameter than the objects of removal;

a filter device filtering the fluid to separate the coagulates; and

a tank in which the electrode and the filter device are disposed.

23. (Previously Presented) The device of Claim 21 or Claim 22, wherein the filter device comprises a first filter immersed in the fluid containing the objects of removal and a second filter formed of a gel film adsorbed onto the first filter.

24. (Previously Presented) The device of Claim 23, wherein the gel film is formed from the coagulates of the objects of removal.

25. (Previously Presented) The device of Claim 21 or Claim 22, wherein the electrode comprises an element of group 8 of the periodic table or an electric conductor comprising an element of group 8, or a coating comprising the element or the electric conductor coated onto an electric conductor.

26. (Previously Presented) The device of Claim 21 or Claim 22, wherein the electrode comprises iron.

27-28. (Cancelled)

29. (Previously Presented) The device of Claim 21 or Claim 22, further comprising a pump drawing in the fluid via a first pipe and a second pipe taking the filtrated fluid out of the tank so as to concentrate the objects of removal of the fluid in the tank.

30. (Previously Presented) The device of Claim 21 or Claim 22, wherein the filter device comprises a first filter, a second filter and a frame supporting a periphery of the first filter, the second filter being adsorbed onto the first filter.

31. (Original) The device of Claim 21 or Claim 22, wherein nitrogen compounds contained in the fluid are removed by electrochemical actions of the electrode.

32-37. (Cancelled)